

STEREO MOC Status Report
Time Period: 2007:162 - 2007:168

STEREO Ahead (STA) Status:

1. There was one Ground System anomaly during this reporting period:

- On day 168, there was a problem at station DSS-15 resulting in a late AOS. Telemetry was received at the MOC at approximately 14:31Z, 2.5 hours after the scheduled BOT. This resulted in a loss of data for the spacecraft and instruments from about 167-16:00Z to 168-07:30Z.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 6.1 Gbits during this week.
- On day 167, SECCHI reverted to maintenance mode. During the track with DSS-26, SECCHI was given real-time commanding to re-configure the instrument and re-load the SECCHI schedule.

STEREO Behind (STB) Status:

1. There were no Ground System anomalies during this reporting period.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 7.6 Gbits during this week.
- On day 165, Autonomy Release 2.3.7 was loaded to the spacecraft. This release added rules 124 and 125 and

macros 145 and 146 which add protection in case of an IMU #2 failure.